

WHAT IS CLAIMED IS:

1. An electronic torsional tool, comprising:

a main body; and

a strain gauge mounted in the main body;

5 wherein, the main body is provided with an opening to enhance flexibility of the main body and to increase deformation of the strain gauge.

2. The electronic torsional tool in accordance with claim 1, wherein the opening is extended through a longitudinal length of the main body.

3. The electronic torsional tool in accordance with claim 1, wherein
10 the main body is provided with a handle portion and a drive portion located at a distal end of the handle portion, and the opening is extended through the handle portion and the drive portion of the main body.

4. The electronic torsional tool in accordance with claim 1, wherein the strain gauge is mounted in the opening of the main body.

15 5. The electronic torsional tool in accordance with claim 1, wherein the opening of the main body has a substantially U-shaped cross-section.

6. The electronic torsional tool in accordance with claim 1, wherein the opening of the main body has a substantially I-shaped cross-section.

7. The electronic torsional tool in accordance with claim 1, wherein
20 the electronic torsional tool is an electronic torsional wrench.

8. The electronic torsional tool in accordance with claim 1, wherein the electronic torsional tool is an electronic torsional socket.

9. The electronic torsional tool in accordance with claim 1, further comprising a cover directly mounted on the main body in a riveting manner.

10. The electronic torsional tool in accordance with claim 9, wherein the cover encompasses the opening of the main body.